

I MBBS Physiology Paper 2

Time: 3 hours Max Marks: 50

Date: Invalid date

Instructions: 1. Answer to the points. 2. Use separate answer books for each section. 3. Draw diagrams wherever necessary.

Section 1

- 1. Write briefly on (any two): (10)**
 - a. Describe the effects of thyroid stimulating hormone (TS) on thyroid gland. How is TSH secretion regulated? (A-409) (553)
 - b. Describe formation, circulation, absorption and functions of cerebro spinal fluid(CS. (984)(773)
 - c. What is referred pain? Briefly dwscribe the causes of visceral pain. (873)(807)

2. Write briefly on (any two): (6)

- a. Cretinism (412)(558)
- b. Metabolic functions of growth hormone (391)(535)
- c. Hormones regulating calcium metabolism (423)(563)

3. Write briefly on (any one): (3)

- a. Cryptorchidism (A-481)
- b. Lactation (534)(674)

4. Write briefly on (any two) (6)

- a. Mechanism of hydrochloric acid secretion (235)(466)
- b. Lactose intolerance (B-260)
- c. Movement of small intestine (278)(501)

Section 2

5. Write briefly on (any two): (10)

- a. Functions of hypothalamus (857)(739)
- b. Define and classify sensory receptors. Briefly discuss about Pacinian corpuscles (809)

(797)

c. Parkinson's disease (918) (738)

6. Write briefly on (any two): (6)

- a. Dark adaptation (A-1018) (210)
- b. Endocochlear potential (1055) (933)
- c. Familial dysautonomia (B-1064)

7. Write briefly on (any on: (3)

- a. Neuro muscular transmission (202)(65)
- b. Mechanical properties of cardiac muscle (S-166, 550)

8. Write answers in two or two sentences (any six): (6)

- a. Fluent aphasia (A-981)
- b. Withdrawal reflex (A-828)
- c. Precocious puberty (A-775)
- d. Choloretics (A-258)
- e. Chromatolysis (A-792)
- f. Minipills (A-537)

~~g. Why visual acuity is maximum over fovea~~

(A-1005)

h. Resting Tremor (A-918)

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